Article Index, July – December, 1972

NOTES: C (Circuit Design Award); F (Design Feature); N (News); P (Progress in Products)

Circuits/Circuit Design

Absolute value circuit uses only five parts. November 1, pg. 44 (C)

Add power and flexibility to peripheral controllers. December 15, pg. 45 (F)

Analog arithmetic unit offers good accuracy. July 1, pg. 54 (C)

Analog monitor has threshold and hysteresis controls. August 1, pg. 58 (C)

Analog multipliers offer solutions to video modulation problems. September 1, pg. 40 (F)

Analyze circuits with a phase meter that also measures gain. September 15, pg. 38 (F)

Another reader responds to odd modulo divider. October 15, pg. 57 (C)

BASIC program designs versatile linearizing circuit. November 15, pg. 36 (F)

Battery-saving remote-command detector. September 15, pg. 42 (C)

Binary weighting after switching boosts D/A converter performance. July 15, pg. 43 (F)

Breakthrough in microstripline oscillator design: a miniature TRAPATT unit delivering 1 kW at 1 GHz. August 1, pg. 16 (N)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Capacitor provides artificial battery for ignition systems. November 15, pg. 48 (C)

Ceramic semiconductor fuses cut thermal performance problems. October 1, pg. 54 (C)

Clock pulse generator has addressable output. December 15, pg. 42 (C)

CMOS and LPTTL gates make low-power Schmitt trigger. October 1, pg. 48 (C)

CMOS one-shot has wide range of output pulses. July 15, pg. 56 (C)

Circuit triggers one-shot on both edges of square wave. November 15, pg. 49 (C)

Circuit yields linear pulse-width modulation. November 15, pg. 47 (C)

Comparators can do more than just compare. November 1, pg. 34 (F)

Current-to-voltage converter for transducer use. December 15, pg. 40 (C)

Demodulate DPSK signals coherently using a Costas phase locked loop. July 1, pg. 44 (F)

Designing femtoampere circuit required special considerations. July 1, pg. 34 (F)

Digital comparator is self-adjusting. September 1, pg. 51 (C)

Digital error anticipator requires only 4 CMOS gates. July 15, pg. 55 (C)

Digital interlocking switch is inexpensive to build. December 15, pg. 42 (C)

Digital pulse repeater makes programmable multivibrator. July 15, pg. 55 (C)

Divider circuit maintains pulse symmetry. July 1, pg. 54 (C)

Don't over- or undersell the switching regulator. December 15, pg. 26 (F)

Double-edge pulser uses few parts. December 15, pg. 40 (C)

Double ended limit detector senses voltage with VCO. November 15, pg. 47 (C)

Dual 7V reference developed from a single μA723. November 1, pg. 47 (C)

ECL shift registers make versatile pulse delay networks. October 15, pg. 32 (F)

EDN Design Course — CMOS Part I — Why go CMOS? The answer is a lot different than it was a year ago. November 1, pg. 20 (F)

EDN Design Course — CMOS Part II — The basic building blocks in the 4000 Series have made CMOS a full fledged logic family. December 1, pg. 30 (F)

Elementary A/D converters can be efficiently implemented in CMOS. July 15, pg. 36 (F)

Exclusive-OR gates simplify modern designs. September 15, pg. 43 (C)

Fault analysis via circuit simulation reaps high dividends. November 15, pg. 64 (F)

Get more from your minicomputer with minimum-cost stack memories. August 15, pg. 62 (F)

Graphs eliminate hit or miss resistor selection in active filter design. December 1, pg. 46 (F)

IC op amp makes gated oscillator. September 1, pg. 52 (C)

Linear circuit integrates pulse trains. November 1, pg. 45 (C)

Measure frequency and propagation delay with high-speed ECL circuits. July 1, pg. 40 (F)

Monolithic timer generates 2-phase clock pulses. August 1, page 57 (C)

Monolithic timer makes convenient touch switch. December 1, pg. 55 (C)

New D/A technique leads to an inexpensive converter. August 15, pg. 36 (F)

Nomographs simplify calculations of magnetic shielding effectiveness. September 1, pg. 44 (F)

Novel clock circuit provides multiplexed display. September 1, pg. 50 (C)

One transistor provides ECL to LED interface. October 15, pg. 54 (C)

Op amp and one transistor produce ramp functions. November 15, pg. 49 (C)

Op amp makes variable-frequency triangular wave generator September 15, pg. 42 (C)

Op amp oscillator is voltage or resistance controlled. August 15, pg. 53 (C)

Operational amplifier makes a simple delayed pulse generator. July 1, pg. 55 (C)

Optically coupled logic gates provide 2000V isolation. October 1, pg. 53 (C)

Optimize IC package layouts with these manual steps. November 15, pg. 40 (F)

Phase locked loops provide accurate, efficient dc motor speed control. August 1, pg. 32 (F)

Precision clipper operates from millivolts to volts. December 1, pg. 57 (C)

Processor interrupt scheme speeds response and minimizes overhead. September 15, pg. 49 (F)

Programmable ROMs offer a digital approach to waveform synthesis. August 1, pg. 38 (F)

Prospects and problems for EEs in medicine. Wescon/72 technical sessions. September 15, pg. 70 (F)

Pseudo random number generator uses CMOS logic. August 15, pg. 42 (F)

PUT delivers ultra low-power, high-energy pulses. September 1, pg. 51 (C)

Putting the "thumb" on thumbwheel switch multiplexing. August 1, pg. 56 (C)

Reader responds to odd modulo divider in July 1st EDN. October 1, pg. 50 (C)

"Rules of thumb" avoid production problems. October 15, pg. 55 (C)

Sample-and-hold or high-speed A/D converter, how do you decide? September 15, pg. 56 (F)

Self-correction logic for the Johnson counter. October 15, pg. 56 (C)

Simple stair-step generator uses 1 IC and 3 transistors. October 1, pg. 48 (C)

Sine-wave synthesizer has low harmonic distortion. August 15, pg. 52 (C)

Single IC compares frequencies and phase. September 15, pg. 44 (C)

6-bit D/A converter uses inexpensive components. December 15, pg. 40 (C)

Solid-state signal switching: it's getting better all the time. November 15, pg. 22 (F)

Solid-state oscillators tune up at millimeter frequencies. July 15, pg. 22 (F)

Submodular circuit cuts power supply design time and costs. July 15, pg. 59 (P)

The ABCs of A/D and D/A converter specifications. August 15, pg. 55 (F)

3 components make stable crystal oscillator. July 15, pg. 54 (C)

Three ICs accurately sense pulse rate. August 15, pg. 53 (C)

Transfer parallel information without a clock. August 1, pg. 59 (C)

Triangular- and square-wave generator has wide range. December 1, pg. 59 (C)

Two ICs convert excess-three Gray code to BCD. November 1, pg. 44 (C)

Two TTL gates drive very long coax lines. October 1, pg. 49 (F)

Unique semiconductor mix controls induction motor speed. November 1, pg. 28 (F)

Universal temperature controller. December 1, pg. 53 (C)

Versatile circuit behaves like SCR. December 1, pg. 57 (C)

Vertical sync separator has no integrating network. October 15, pg. 57 (C)

Video amp solves high-frequency differentiation problems. November 1, pg. 45 (C)

Voltage doubler prevents supply from losing regulation. November 1, pg. 46 (C)

Watch those interactions in your A/D and D/A conversion systems. December 15, pg. 32 (F)

Wide-range ramp generator has programmable outputs. October 15, pg. 54 (C)

Zener-diode controls Wien-bridge oscillator. August 1, pg. 57 (C)

Communications

A lightening-fast facsimile system transmits copies in seconds. December 15, pg. 14 (N)

At the 1st European Electro-Optics Markets and Technology Conference and Exhibition. November 1, pg. 15 (N)

Communication links to meet the growing need for digital transmission. Wescon Technical Session. September 15, pg. 66 (F)

Dave Redick of Tymshare, Inc., speaks out on proper design choices for terminals. July 1, pg. 50 (F)

Digital bus simplifies instrument system communication. September 1, pg. 22 (F)

Fiberoptics open new passageways in communication. October 15, pg. 15 (N)

High-speed IC for data transmission contains four transceivers. September 1, pg. 55 (P)

Marketing strategy shrinks a terminal in half. October 15, pg. 48 (F)

Multifunction IC serves as building block for communication system. July 15, pg. 58 (P)

Neither rain nor fog stops this CO_2 laser: at a 10.6μ wavelength, it reaches 5 miles. December 1, pg. 17 (N)

Printout devices—the computer's eyes and ears. December 1, pg. 20 (F)

Solid-state onslought on the electromechanical cross bar continues. July 1, pg. 16 (N)

Use computer aided design to talk to machines in the factory. August 15, pg. 28 (F)

Videotape moves to the forefront of education in electronics. September 1, pg. 16 (N)

Components/Modules

A/D and D/A converters: Do you know what the parameters mean? December 15, pg. 18 (F)

Analog multipliers offer solutions to video modulation problems. September 1, pg. 40 (F)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Comparators can do more than just compare. November 1, pg. 34 (F)

Demodulate DPSK signals coherently using a Costas phase locked loop. July 1, pg. 44 (F)

Designing femtoampere circuits requires special considerations. July 1, pg. 34 (F)

Don't over- or undersell the switching regulator. December 15, pg. 26 (F)

Elementary A/D converters can be efficiently implemented in CMOS. July 15, pg. 36 (F)

Film-resistor specs: All you want to know but were reluctant to ask. December 1, pg. 38 (F)

Graphs eliminate hit or miss resistor selection in active filter design. December 1, pg. 46 (F)

High-resolution integrating A/D converter features extremely low linearity errors. October 1, pg. 53 (P)

Low-cost 9-μsec 14-bit A/D converter available in a plug-in module. July 15, pg. 59 (P)

Miniature power supplies offer higher reliability, increased output. October 15, pg. 62 (P)

Monolithic, high-frequency phase locked loops offer wide flexibility. July 1, pg. 56 (P)

New D/A technique leads to an inexpensive converter. August 1, pg. 36 (F)

Phase locked loops provide accurate, efficient dc motor speed control. August 1, pg. 32 (F)

Sample-and-hold amplifier has top performance at moderate price. September 15, pg. 86 (P)

Sample-and-hold or high-speed A/D converters, how do you decide? Semptember 15, pg. 56 (F)

Slew-rate, limiting of IC op amps is easy to predict, and to avoid. October 1, pg. 36 (F)

Stable, thick-film fixed resistor has selectable resistance values. August 15, pg. 68 (P)

Submodular circuit cuts power supply design time and costs. July 15, pg. 59 (P)

The ABCs of A/D and D/A converter specifications. August 15, pg. 55 (F)

Thermal battery weighs 1½ oz; gives 1000V at low current. October 15, pg. 15 (N)

12-bit DAC expands for 16-bit resolution. December 1, pg. 60 (P)

Watch those interactions in your A/D and D/A conversion system. December 15, pg. 32 (F)

Computers/Data Processing

Add power and flexibility to peripheral controllers. December 15, pg. 45 (F)

Analog arithmetic unit offers good accuracy. July 1, pg. 54 (C)

BASIC calculator takes on minicomputers in programming ease and power. December 15, pg. 52 (P)

BASIC program designs versatile linearizing circuit. November 15, pg. 36 (F)

Bidirectional digital cassette recorder uses two moving parts. August 1, pg. 61 (P)

Communication links to meet the growing need for digital transmission. September 15, pg. 66 (F)

COMPCON '72 Creative ideas in the computer sciences. November 1, pg. 16 (N)

Computer controlled test system speeds up instrument calibration. July 15, pg. 14 (N)

Dave Redick to Tymshare, Inc., speaks out on proper design choices for terminals. July 1, pg. 50 (F)

Desktop calculator uses conventional color television receiver for its display. September 15, pg. 18 (N)

Digital bus simplifies instrument system communication. September 1, pg. 22 (F)

8k dual function processor sells for less than $3000. August 1, pg. 60 (P)

Fault analysis via circuit simulation reaps high dividends. November 15, pg. 64 (F)

Fourth-generation computer techniques are brought to small-system users. July 15, pg. 15 (N)

FJCC goes out with a bang! November 15, pg. 53 (F)

Get more from your minicomputer with minimum-cost stack memories. August 15, pg. 62 (F)

Kjell Hovik and Win Hodge of IPC speak out on writable-control storage vs ROM. July 15, pg. 46 (F)

Marketing strategy shrinks a terminal in half. October 15, pg. 48 (F)

Mini-maker bases cassette memory on very simple mechanical transport. August 15, pg. 67 (P)

New portable man-to-computer interface eliminates light pens and special keyboards. September 15, pg. 16 (N)

N-channel MOS memories replace cores and shrink size of new computers. September 15, pg. 16 (N)

Novel computer organization results in design for maxi-mini. October 15, pg. 39 (F)

Practicality and usefulness are the bywords in computer sessions. Wescon/72 technical sessions. September 15, pg. 69 (F)

Printout devices — the computer's eyes and ears. December 1, pg. 20 (F)

Processor interrupt scheme speeds response and minimizes overhead. September 15, pg. 49 (F)

Programmable ROMs offer a digital approach to waveform synthesis. August 1, pg. 38 (F)

Read-only memories in computers — where are they headed? August 1, pg. 24 (F)

Static card reader for control and data collection applications. August 1, pg. 61 (P)

TTL compatible ROMs devised for convenient fast-access storage. November 15, pg. 73 (P)

United States factories are trailing Japan and Germany in applying minis. December 1, pg. 14 (N)

Use computer aided design to talk to machines in the factory. August 15, pg. 28 (F)

Virtual memory storage systems move from realm of technical session papers into production computers. September 15, pg. 17 (N)

Writable-control store customized new mini's microprograms. July 15, pg. 57 (P)

Displays

An instrument designer looks at Nixie, LED and liquid-crystal displays. July 1, pg. 24 (F)

At the 1st European Electro-Optics Markets and Technology Conference and Exhibition. November 1, pg. 15 (N)

High-voltage IC plasma display driver uses standard linear processing techniques. November 15, pg. 73 (P)

Louvred film sharpens image on low-light-level displays. July 1, pg. 15 (N)

Multi-color CRT phosphor is applied in single coat. December 1, pg. 17 (N)

Navy to evaluate new programmable display system for aircraft flight operations. November 15, pg. 15 (N)

Thin LED display to replace CRT radar pictures for air-traffic controllers. October 1, pg. 16 (N)

Instrumentation

A look at the field of battery operated portable instruments. September 15, pg. 22 (F)

Analyze circuits with a phase meter that also measures gain. September 15, pg. 38 (F)

Bidirectional digital cassette recorder uses two moving parts. August 1, pg. 61 (P)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Computer controlled test system speeds up instrument calibration. July 15, pg. 14 (N)

Design obsolescence out of automatic test systems. July 15, pg. 30 (F)

Digital bus simplifies instrument system communication. September 1, pg. 22 (F)

Inexpensive, portable radiation detector keeps tabs on radio-relay and microwave-oven leaks. July 15, pg. 15 (N)

Network analyzer uses calculator for control and data analysis. August 15, pg. 66 (P)

Pair of new portable scopes eclipse predecessors. September 1, pg. 54 (P)

Solid-state oscillators tune up at millimeter frequencies. July 15, pg. 22 (F)

Storage scope writing speeds continue to take great leaps forward. August 15, pg. 68 (P)

The mighty-mite multimeter unveils small size, low price but big performance. October 1, pg. 52 (P)

3½-digit DPM mounts on front of panel instead of through it. September 15, pg. 87 (P)

3½-digit DPM uses CMOS to cut power comsumption. December 15, pg. 51 (P)

3-digit panel meter smashes $50 price barrier. October 1, pg. 54 (C)

2-color inkless recording made possible with new dichromatic technique. July 1, pg. 15 (N)

Management/Interface

A designer's look at the party platforms. October 15, pg. 22 (F)

Bill to put engineers on civilian priorities has chance of congressional passage. October 1, pg. 14 (N)

Demand for engineers rises while decrease in college enrollment continues. October 1, pg. 16 (N)

Is your work starting to bore you? Beat monotony, and cure boredom. November 1, pg. 40 (F)

Jesse Pipkin of Hewlett-Packard speaks out on engineers and profits. October 1, pg. 40 (F)

Marketing strategy shrinks a terminal in half. October 15, page 48 (F)

Prospects and problems for EEs in medicine. Wescon/72 technical sessions. September 15, pg. 70 (F)

Rolland Smith of Signetics Corp. speaks out on the decision to make or buy ICs. September 15, pg. 30 (F)

The non-territorial office — a new type of engineering workplace. September 1, pg. 34 (F)

WESCON/72 All together under one roof in LA. September 15, pg. 62 (F)

Materials

At the 1st European Electro-optics Markets and Technology Conference and Exhibition. November 1, pg. 15 (N)

Conductive plastics emerge as unique problem solvers. October 1, pg. 44 (F)

Conductive polymers promise new installation techniques for MOS/LSI. August 1, pg. 15 (N)

Fiberoptics open new passageways in communication. October 15, pg. 15 (N)

Multi-color CRT phosphor is applied in single coat. December 1, pg. 17 (N).

Thermal battery weighs 1½ oz; gives 1000V at low current. October 15, pg. 15 (N)

Packaging

Conductive polymers promise new installation techniques for MOS/LSI. August 1, pg. 15 (N)

Future trends in microcircuit packaging probed at hybrid society seminar. August 1, pg. 14 (N)

New semiconductor mounts cut time and cost. August 15, pg. 16 (N)

Optimize IC package layouts with these manual steps. November 15, pg. 40 (F)

"Security Cradle" protects electronic calculators from unauthorized "borrowers". September 1, pg. 17 (N)

Superconductivity at 20.3°K cuts coolings costs. October 15, pg. 16 (N)

Semiconductors

Bicolor and ac-dc compatible LED lamps available in a lensed 2-lead package. December 1, pg. 61 (P)

Binary weighting after switching boosts D/A converter performance. July 15, pg. 43 (F)

Breakthrough in microstripline oscillator design: a miniature TRAPATT unit delivering 1 KW at 1 GHz. August 1, pg. 16 (N)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Circuits formed on ceramic substrates with laser "machining" process. July 1, pg. 14 (N)

COMPCON '72 continued: Semiconductors — the basic building blocks. December 15, pg. 15 (N)

Conductive polymers promise new installation techniques for MOS/LSI. August 1, pg. 15 (N)

Designing femtoampere circuits requires special considerations. July 1, pg. 34 (F)

Don't over- or undersell the switching regulator. December 15, pg. 26 (F)

ECL shift registers make versatile pulse delay networks. October 15, pg. 32 (F)

EDN Design Course — CMOS Part I — Why go CMOS? The answer today is a lot different than it was a year ago. November 1, pg. 20 (F)

EDN Design Course — CMOS Part II — The basic building blocks in the 4000 Series have made CMOS, a full fledged logic family. December 1, pg. 30 (F)

Elementary A/D converters can be efficiently implemented in CMOS. July 15, pg. 36 (F)

4 quadrant 8-bit multiplying A/D converter comes in a hermetically sealed DIP. December 15, pg. 51 (P)

Future trends in microcircuit packaging probed at hybrid society seminar. August 1, pg. 14 (N)

High-speed IC for data transmission contains four transceivers. September 1, pg. 55 (P)

Higher reliability and quality in commercial TTL offered off the shelf. November 15, pg. 14 (N)

"Isolated" CMOS has higher speed and lower power. November 1, pg. 52 (P)

Measure frequency and propagation delay with high-speed ECL circuits. July 1, pg. 40 (F)

Multifunction IC serves as building block for communication systems. July 15, pg. 58 (P)

N-channel MOS memories replace cores and shrink size of new computers. September 15, pg. 16 (N)

New D/A technique leads to an inexpensive converter. August 15, pg. 36 (F)

Optimize package layouts with these manual steps. November 15, pg. 40 (F)

Phase locked loops provide accurate, efficient dc motor speed control. August 1, pg. 32 (F)

Programmable multiplier/divider IC includes a variable scale factor. November 15, pg. 72 (P)

Programmable ROMs offer a digital approach to waveform synthesis. August 1, pg. 38 (F)

Pseudorandom number generator uses CMOS logic. August 15, pg. 42 (F)

Quad op amps vie for industrial and automotive applications. September 1, pg. 55 (P)

Read-only memories in computers — where are they headed? August 1, pg. 24 (F)

Rolland Smith of Signetics Corp., speaks out on the decision to make or buy ICs. September 15, pg. 30 (F)

Semiconductors for automotive and consumer use come under close scrutiny. September 15, pg. 67 (F)

Slew-rate limiting of IC op amps is easy to predict, and to avoid. October 1, pg. 36 (F)

Solid-state onslought on the electromechanical crossbar continues. July 1, pg. 16 (N)

Solid-state signal switching: it's getting better all the time. November 15, pg. 22 (F)

The ABCs of A/D and D/A converter specifications. August 15, pg. 55 (F)

The monolithic phase locked loop: a versatile building block. October 1, pg. 26 (F)

TTL compatible ROMs devised for convenient fast-access storage. November 15, pg. 73 (P)

Two-layer metallization yields advantages in CMOS LSI. November 1, pg. 14 (N)

Unique semiconductor mix controls induction motor speed. November 1, pg. 28 (F)

Systems

Add power and flexibility to peripheral controllers. December 15, pg. 45 (F)

Analog multipliers offer solutions to video modulation problems. September 1, pg. 40 (F)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Capacitor provides artificial battery for ignition systems. November 15, pg. 48 (C)

Dave Redick of Tymshare, Inc., speaks out in proper design choices for terminals. July 1, pg. 50 (F)

Design obsolescence out of automatic test systems. July 15, pg. 30 (F)

Digital bus simplifies instrument system communication. September 1, pg. 22 (F)

8k dual function processor sells for less than $3000. August 1, pg. 60 (P)

Fault analysis via circuit simulation reaps high dividends. November 15, pg. 64 (F)

Get more from your minicomputer with minimum-cost stack memories. August 15, pg. 62 (F)

Kjell Hovik and Win Hodge of IPC speak out on writable-control storage vs ROM. July 15, pg. 46 (F)

Local design center brings custom LSI capability directly to the electronic equipment designer. October 15, pg. 14 (N)

Marketing strategy shrinks a terminal in half. October 15, pg. 48 (F)

Microwave power, like the laser, searches for a niche in the marketplace. August 15, pg. 17 (N)

Mini-maker bases cassette memory on very simple mechanical transport. August 15, pg. 67 (P)

Nomographs simplify calculations of magnetic shielding effectiveness. September 1, pg. 44 (F)

Novel computer organization results in design for a maxi-mini. October 15, pg. 39 (F)

Phase locked loops provide accurate, efficient dc motor speed control. August 1, pg. 32 (F)

Practicality and usefulness are the bywords in computer sessions. Wescon/72 technical session. September 15, pg. 69 (F)

Printout devices — the computer's eyes and ears. December 1, pg. 20 (F)

Processor interrupt scheme speeds response and minimizes overhead. September 15, pg. 49 (F)

Prospects and problems for EEs in medicine. Wescon/72 technical sessions. September 15, pg. 70 (F)

Read-only memories in computers — where are they headed? August 1, pg. 24 (F)

The monolithic phase locked loop: a versatile building block. October 1, pg. 26 (F)

Use computer aided design to talk to machines in the factory. August 15, pg. 28 (F)

Videotape moves to the forefront of education in electronics. September 1, pg. 16 (N)

Watch those interactions in your A/D and D/A conversion systems. December 15, pg. 32 (F)

Writable-control store customizes new mini's microprograms. July 15, pg. 57 (P)

Test and Measurement

A/D and D/A converters: Do you know what the parameters mean? December 15, pg. 18 (F)

A look at the field of battery operated portable instruments. September 15, pg. 22 (F).

Analyze circuits with a phase meter that also measures gain. September 15, pg. 38 (F)

Build your own constant-temperature hot-wire anemometer. August 1, pg. 43 (F)

Computer controlled test system speeds up instrument calibration. July 15, pg. 14 (N)

Design obsolescence out of automatic test systems. July 15, pg. 30 (F)

Digital bus simplifies instrument system communication. September 1, pg. 22 (F)

Fault analysis via circuit simulation reaps high dividends. November 15, pg. 64 (F)

$50, 2½-digit DPM heats up the competition with analog meters. July 1, pg. 56 (P)

Inexpensive, portable radiation detector keeps tabs on radio-relay and microwave-oven leaks. July 15, pg. 15 (N)

Measure frequency and propagation delay with high-speed ECL circuits. July 1, pg. 40 (F)

Network analyzer uses calculator for control and data analysis. August 1, pg. 66 (P)

NBS to maintain US legal volt using 2e/h via the ac Josephson effect. September 1, pg. 17 (N)

New method tests CATV coax cable shield effectiveness quickly and accurately. December 1, pg. 15 (N)

Pair of new portable scopes eclipse predecessors. September 1, pg. 54 (P)

Product trial reveals flaws that lab tests did not. October 1, pg. 15 (N)

Rugged high-level logic probe characterized for industrial use. September 15, pg. 87 (P)

Storage scope writing speeds continue to take great leaps forward. August 15, pg. 68 (P)

The mighty-mite multimeter unveils small size, low price but big performance. October 1, pg. 52 (P)